



**PATENT APPLICATION**

*[Handwritten signature]*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q91925

Jin-Soo KIM, et al.

Appln. No.: 10/559,806

Group Art Unit: Unknown

Confirmation No.: 1556

Examiner: Unknown

Filed: December 8, 2005

For: TRANSDUCIBLE DNA-BINDING PROTEINS

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT  
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID  
SEQUENCE DISCLOSURES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This response is in regard to the NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES, dated February 16, 2006, and the NOTIFICATION OF DEFECTIVE RESPONSE, dated February 23, 2006, issued in the above-referenced patent application.

In the Notification of Defective Response, the Examiner states that the content of the computer readable form does not comply with the requirements of 37 C.F.R. §§1.822 and/or 1.823 and that Applicant must provide a substitute computer readable form copy of the Sequence Listing and a statement.

Jin-Soo KIM et al.  
Appln. No. 10/559,806  
Response

Applicants enclose herewith a substitute Sequence Listing, in paper and a computer-readable form copy, that fully addresses the issues raised in the Raw Sequence Listing Error Report.

Applicants assert that this Response to the Notice to Comply and the enclosures are being timely filed, and that the enclosures bring the present application in full compliance with the requirements of 37 C.F.R. §§1.821-1.825.

Applicants respectfully request that the Examiner acknowledge that the substitute Sequence Listing meets the requirements of 37 C.F.R. §§1.821-1.825 and that the Examiner enter the substitute Sequence Listing.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
John T. Callahan  
Registration No. 32,607

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: April 14, 2006



UNITED STATES PATENT AND TRADEMARK OFFICE

LMR

---

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/559,806	Jin-Soo Kim	Q91925
INTERNATIONAL APPLICATION NO.		
PCT/KR04/01385		
I.A. FILING DATE		PRIORITY DATE
06/10/2004		06/10/2003
DOCKETED		
CONFIRMATION NO. 1556		
371 FORMALITIES LETTER		
 *OC000000018012492*		

Date Mailed: 02/16/2006

## NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/559,806	PCT/KR04/01385	Q91925

FORM PCT/DO/EO/922 (371 Formalities Notice)



O I P E 14838  
APR 14 2006  
PATENT AND TRADEMARK OFFICE  
UNITED STATES PATENT AND TRADEMARK OFFICE

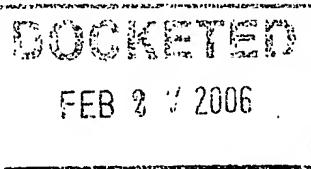
# BEST AVAILABLE COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/559,806	Jin-Soo Kim	Q91925

23373  
SUGHRUE MION, PLLC  
2100 PENNSYLVANIA AVENUE, N.W.  
SUITE 800  
WASHINGTON, DC 20037



INTERNATIONAL APPLICATION NO.

PCT/KR04/01385

I.A. FILING DATE	PRIORITY DATE
06/10/2004	06/10/2003

CONFIRMATION NO. 1556  
371 FORMALITIES LETTER



\*OC000000018100307\*

Date Mailed: 02/23/2006

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 12/08/2005
- Copy of the International Search Report filed on 12/08/2005
- Copy of IPE Report filed on 12/08/2005
- Information Disclosure Statements filed on 12/08/2005
- Biochemical Sequence Diskette filed on 12/08/2005
- Oath or Declaration filed on 12/08/2005
- Biochemical Sequence Listing filed on 12/08/2005
- Small Entity Statement filed on 12/08/2005
- Request for Immediate Examination filed on 12/08/2005
- U.S. Basic National Fees filed on 12/08/2005
- Assignment filed on 12/08/2005
- Priority Documents filed on 12/08/2005
- Specification filed on 12/08/2005
- Claims filed on 12/08/2005
- Abstracts filed on 12/08/2005
- Drawings filed on 12/08/2005
- Paper nucleotide sequence listings filed on 12/08/2005

Applicant's response filed 12/08/2005 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 02/16/2006 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper

or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).**

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

PATRICIA A BOOKER

---

Telephone: (703) 308-9140 EXT 204

**PART 1 - ATTORNEY/APPLICANT COPY**

---

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/559,806	PCT/KR04/01385	Q91925

FORM PCT/DO/EO/916 (371 Formalities Notice)

# BEST AVAILABLE COPY

## STIC Biotechnology Systems Branch RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/559,806  
Source: IFWP  
Date Processed by STIC: 12/16/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

# BEST AVAILABLE COPY

## Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/559,806</u>
<b>ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE</b>		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (ii) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input checked="" type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence.	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	

## BEST AVAILABLE COPY



IFWP

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/559,806DATE: 12/16/2005  
TIME: 15:04:30Input Set : A:\Q91925 sequence listing.txt  
Output Set: N:\CRF4\12162005\J559806.raw

3 <110> APPLICANT: TOOLGEN, INC, et al.  
 5 <120> TITLE OF INVENTION: Transducible DNA-Binding Proteins  
 7 <130> FILE REFERENCE: Q91925  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/559,806  
 C--> 9 <141> CURRENT FILING DATE: 2005-12-08  
 9 <150> PRIOR APPLICATION NUMBER: US 60/477,459  
 10 <151> PRIOR FILING DATE: 2003-06-10  
 12 <160> NUMBER OF SEQ ID NOS: 72  
 14 <170> SOFTWARE: PatentIn version 3.2

## ERRORED SEQUENCES

1131 <210> SEQ ID NO: 72  
 1132 <211> LENGTH: 11  
 1133 <212> TYPE: PRT  
 1134 <213> ORGANISM: Synthetic (see item 10 on Error summary sheet)  
 1136 <400> SEQUENCE: 72  
 1138 Tyr Ala Arg Ala Ala Ala Arg Gln Ala Arg Ala  
 1139 1 5 10

E--> 1142 30  
 E--> 1144 1 (Delete)

invalid <2137 response. Does Not Comply  
 with 100% Organism Diskette Need.

Error  
summary

sheet) → This error appears in other sequences, too.

see p. 2

10/559,806

2

<210> 5  
<211> 26  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> coordinating residue

insufficient explanation - give source  
of genetic  
material

( see item 11 on  
Error summary  
sheet )

**VERIFICATION SUMMARY**   **DATE: 12/16/2005**  
**PATENT APPLICATION: US/10/559,806**                           **TIME: 15:04:31**

**Input Set : A:\Q91925 sequence listing.txt**  
**Output Set: N:\CRF4\12162005\J559806.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:16  
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:16  
L:415 M:283 W: Missing Blank Line separator, <400> field identifier  
L:553 M:283 W: Missing Blank Line separator, <400> field identifier  
L:691 M:283 W: Missing Blank Line separator, <400> field identifier  
L:829 M:283 W: Missing Blank Line separator, <400> field identifier  
L:967 M:283 W: Missing Blank Line separator, <400> field identifier  
L:1142 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:72  
L:1144 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:72



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket No: Q91925

In re patent application of

KIM, JIN-SOO et al.

Serial No. 10/559,806

Filed: December 8, 2005

For: TRANSDUCIBLE DNA-BINDING PROTEINS

STATEMENT TO SUPPORT FILING AND SUBMISSION IN  
ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
Mail Stop SEQUENCE

Sir:

In connection with a Sequence Listing submitted concurrently herewith, the undersigned hereby states that:

1. the submission, filed herewith in accordance with 37 C.F.R. § 1.821(g), does not include new matter;

2. the content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same.

Respectfully submitted,

April 12, 2006  
Date

James A. Coburn

HARBOR CONSULTING IP SERVICES, INC.  
1500A Lafayette Road, #262  
Portsmouth, N.H. 03801  
800-318-3021



1

SEQUENCE LISTING

<110> KIM, JIN-SOO  
SHIN, HYUN-CHUL  
KWON, HEUNG-SUN

<120> TRANSDUCIBLE DNA-BINDING PROTEINS

<130> Q91925

<140> 10/559,806  
<141> 2005-12-08

<150> PCT/KR04/01385  
<151> 2004-06-10

<150> 60/477,459  
<151> 2003-06-10

<160> 72

<170> PatentIn version 3.3

<210> 1  
<211> 11  
<212> PRT  
<213> Human immunodeficiency virus

<400> 1  
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg  
1 5 10

<210> 2  
<211> 16  
<212> PRT  
<213> Drosophila melanogaster

<400> 2  
Ala Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys Glu Asn  
1 5 10 15

<210> 3  
<211> 34  
<212> PRT  
<213> Herpes simplex virus

<400> 3  
Asp Ala Ala Thr Ala Thr Arg Gly Arg Ser Ala Ala Ser Arg Pro Thr  
1 5 10 15  
  
Glu Arg Pro Arg Ala Pro Ala Arg Ser Ala Ser Arg Pro Arg Arg Pro  
20 25 30

Val Glu

```
<210> 4
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 4
Thr Ser Pro Leu Asn Ile His Asn Gly Gln Lys Leu
1           5           10

<210> 5
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (2)..(6)
<223> region may encompass a range of 2-5 variable amino
      acids

<220>
<221> MOD_RES
<222> (8)..(10)
<223> variable amino acid

<220>
<221> MOD_RES
<222> (11)
<223> Phe or Tyr

<220>
<221> MOD_RES
<222> (12)..(16)
<223> variable amino acid

<220>
<221> MOD_RES
<222> (17)
<223> hydrophobic residue

<220>
<221> MOD_RES
<222> (18)..(19)
<223> variable amino acid

<220>
<221> MOD_RES
<222> (21)..(25)
<223> region may encompass a range of 3-5 variable amino
      acids
```

```
<400> 5
Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1           5           10          15

Xaa Xaa Xaa His Xaa Xaa Xaa Xaa His
 20          25

<210> 6
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (2)..(6)
<223> region may encompass a range of 2-5 variable amino
      acids

<220>
<221> MOD_RES
<222> (8)..(10)
<223> variable amino acid

<220>
<221> MOD_RES
<222> (11)
<223> variable amino acid, frequently aromatic

<220>
<221> MOD_RES
<222> (12)
<223> variable amino acid

<220>
<221> MOD_RES
<222> (14)
<223> variable amino acid

<220>
<221> MOD_RES
<222> (17)
<223> variable amino acid, frequently hydrophobic

<220>
<221> MOD_RES
<222> (18)
<223> variable amino acid
```

```

<220>
<221> MOD_RES
<222> (21)..(25)
<223> region may encompass a range of 3-5 variable amino
      acids

<400> 6
Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Arg Xaa Asp Glu
  1           5           10          15

Xaa Xaa Arg His Xaa Xaa Xaa Xaa His
  20          25

<210> 7
<211> 260
<212> PRT
<213> Homo sapiens

<400> 7
Tyr Leu Pro Asp Thr Asp Asp Arg His Arg Ile Glu Glu Lys Arg Lys
  1           5           10          15

Arg Thr Tyr Glu Thr Phe Lys Ser Ile Met Lys Lys Ser Pro Phe Ser
  20          25          30

Gly Pro Thr Asp Pro Arg Pro Pro Pro Arg Arg Ile Ala Val Pro Ser
  35          40          45

Arg Ser Ser Ala Ser Val Pro Lys Pro Ala Pro Gln Pro Tyr Pro Phe
  50          55          60

Thr Ser Ser Leu Ser Thr Ile Asn Tyr Asp Glu Phe Pro Thr Met Val
  65          70          75          80

Phe Pro Ser Gly Gln Ile Ser Gln Ala Ser Ala Leu Ala Pro Ala Pro
  85          90          95

Pro Gln Val Leu Pro Gln Ala Pro Ala Pro Ala Pro Ala Pro Ala Met
  100         105         110

Val Ser Ala Leu Ala Gln Ala Pro Ala Pro Val Pro Val Leu Ala Pro
  115         120         125

Gly Pro Pro Gln Ala Val Ala Pro Pro Ala Pro Lys Pro Thr Gln Ala
  130         135         140

Gly Glu Gly Thr Leu Ser Glu Ala Leu Leu Gln Leu Gln Phe Asp Asp
  145         150         155         160

Glu Asp Leu Gly Ala Leu Leu Gly Asn Ser Thr Asp Pro Ala Val Phe
  165         170         175

Thr Asp Leu Ala Ser Val Asp Asn Ser Glu Phe Gln Gln Leu Leu Asn
  180         185         190

Gln Gly Ile Pro Val Ala Pro His Thr Thr Glu Pro Met Leu Met Glu
  195         200         205

```

Tyr Pro Glu Ala Ile Thr Arg Leu Val Thr Ala Gln Arg Pro Pro Asp  
 210 215 220  
 ,  
 Pro Ala Pro Ala Pro Leu Gly Ala Pro Gly Leu Pro Asn Gly Leu Leu  
 225 230 235 240  
 Ser Gly Asp Glu Asp Phe Ser Ser Ile Ala Asp Met Asp Phe Ser Ala  
 245 250 255  
 Leu Leu Ser Gln  
 260

```
<210> 8  
<211> 127  
<212> PRT  
<213> Saccharomyces cerevisiae
```

<400> 8  
Asn Phe Asn Gln Ser Gly Asn Ile Ala Asp Ser Ser Leu Ser Phe Thr  
1 5 10 15

Phe Thr Asn Ser Ser Asn Gly Pro Asn Leu Ile Thr Thr Gln Thr Asn  
20 25 30

Ser Gln Ala Leu Ser Gln Pro Ile Ala Ser Ser Asn Val His Asp Asn  
35 40 45

Phe Met Asn Asn Glu Ile Thr Ala Ser Lys Ile Asp Asp Gly Asn Asn  
50 55 60

Ser Lys Pro Leu Ser Pro Gly Trp Thr Asp Gln Thr Ala Tyr Asn Ala  
65                   70                   75                   80

Phe Gly Ile Thr Thr Gly Met Phe Asn Thr Thr Thr Thr Met Asp Asp Val  
85 90 95

Tyr Asn Tyr Leu Phe Asp Asp Glu Asp Thr Pro Pro Asn Pro Lys Lys  
           100                 105                 110

Glu Ile Ser Met Ala Tyr Pro Tyr Asp Val Pro Asp Tyr Ala Ser  
115 120 125

```
<211> 90
<212> PRT
<213> Saccharomyces cerevisiae
```

```

<400> 9
Asn Ser Ala Ser Ser Thr Lys Leu Asp Asp Asp Leu Gly Thr Ala
1           5                   10                  15

Ala Ala Val Leu Ser Asn Met Arg Ser Ser Pro Tyr Arg Thr His Asp
20          25                  30

```

Lys Pro Ile Ser Asn Val Asn Asp Met Asn Asn Thr Asn Ala Leu Gly  
 35                    40                    45

Val Pro Ala Ser Arg Pro His Ser Ser Ser Phe Pro Ser Lys Gly Val  
 50                    55                    60

Leu Arg Pro Ile Leu Leu Arg Ile His Asn Ser Glu Gln Gln Pro Ile  
 65                    70                    75                    80

Phe Glu Ser Asn Asn Ser Thr Ala Cys Ile  
 85                    90

<210> 10

<211> 63

<212> PRT

<213> Homo sapiens

<400> 10

Val Ser Val Thr Phe Glu Asp Val Ala Val Leu Phe Thr Arg Asp Glu  
 1                    5                    10                    15

Trp Lys Lys Leu Asp Leu Ser Gln Arg Ser Leu Tyr Arg Glu Val Met  
 20                    25                    30

Leu Glu Asn Tyr Ser Asn Leu Ala Ser Met Ala Gly Phe Leu Phe Thr  
 35                    40                    45

Lys Pro Lys Val Ile Ser Leu Leu Gln Gln Gly Glu Asp Pro Trp  
 50                    55                    60

<210> 11

<211> 96

<212> PRT

<213> Homo sapiens

<400> 11

Asp Ala Lys Ser Leu Thr Ala Trp Ser Arg Thr Leu Val Thr Phe Lys  
 1                    5                    10                    15

Asp Val Phe Val Asp Phe Thr Arg Glu Glu Trp Lys Leu Leu Asp Thr  
 20                    25                    30

Ala Gln Gln Ile Val Tyr Arg Asn Val Met Leu Glu Asn Tyr Lys Asn  
 35                    40                    45

Leu Val Ser Leu Gly Tyr Gln Leu Thr Lys Pro Asp Val Ile Leu Arg  
 50                    55                    60

Leu Glu Lys Gly Glu Glu Pro Trp Leu Val Glu Arg Glu Ile His Gln  
 65                    70                    75                    80

Glu Thr His Pro Asp Ser Glu Thr Ala Phe Glu Ile Lys Ser Ser Val  
 85                    90                    95

<210> 12  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 12  
Tyr Lys Cys Lys Gln Cys Gly Lys Ala Phe Gly Cys Pro Ser Asn Leu  
1 5 10 15

Arg Arg His Gly Arg Thr His  
20

<210> 13  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 13  
Tyr Gln Cys Asn Ile Cys Gly Lys Cys Phe Ser Cys Asn Ser Asn Leu  
1 5 10 15

His Arg His Gln Arg Thr His  
20

<210> 14  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 14  
Tyr Ser Cys Gly Ile Cys Gly Lys Ser Phe Ser Asp Ser Ser Ala Lys  
1 5 10 15

Arg Arg His Cys Ile Leu His  
20

<210> 15  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 15  
Tyr Thr Cys Ser Asp Cys Gly Lys Ala Phe Arg Asp Lys Ser Cys Leu  
1 5 10 15

Asn Arg His Arg Arg Thr His  
20

<210> 16  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 16  
Tyr Lys Cys Lys Glu Cys Gly Lys Ala Phe Asn His Ser Ser Asn Phe  
1 5 10 15  
  
Asn Lys His His Arg Ile His  
20  
  
<210> 17  
<211> 23  
<212> PRT  
<213> Homo sapiens  
  
<400> 17  
Phe Lys Cys Pro Val Cys Gly Lys Ala Phe Arg His Ser Ser Ser Leu  
1 5 10 15  
  
Val Arg His Gln Arg Thr His  
20  
  
<210> 18  
<211> 24  
<212> PRT  
<213> Homo sapiens  
  
<400> 18  
Tyr Arg Cys Lys Tyr Cys Asp Arg Ser Phe Ser Ile Ser Ser Asn Leu  
1 5 10 15  
  
Gln Arg His Val Arg Asn Ile His  
20  
  
<210> 19  
<211> 23  
<212> PRT  
<213> Homo sapiens  
  
<400> 19  
Tyr Glu Cys Asp His Cys Gly Lys Ala Phe Ser Ile Gly Ser Asn Leu  
1 5 10 15  
  
Asn Val His Arg Arg Ile His  
20  
  
<210> 20  
<211> 23  
<212> PRT  
<213> Homo sapiens  
  
<400> 20  
Tyr Gly Cys His Leu Cys Gly Lys Ala Phe Ser Lys Ser Ser Asn Leu  
1 5 10 15

Arg Arg His Glu Met Ile His  
20

<210> 21  
<211> 23  
<212> PRT  
<213> Homo sapiens  
<400> 21  
Tyr Lys Cys Lys Glu Cys Gly Gln Ala Phe Arg Gln Arg Ala His Leu  
1 5 10 15

Ile Arg His His Lys Leu His  
20

<210> 22  
<211> 23  
<212> PRT  
<213> Homo sapiens  
<400> 22  
Tyr Lys Cys His Gln Cys Gly Lys Ala Phe Ile Gln Ser Phe Asn Leu  
1 5 10 15

Arg Arg His Glu Arg Thr His  
20

<210> 23  
<211> 23  
<212> PRT  
<213> Homo sapiens  
<400> 23  
Phe Gln Cys Asn Gln Cys Gly Ala Ser Phe Thr Gln Lys Gly Asn Leu  
1 5 10 15

Leu Arg His Ile Lys Leu His  
20

<210> 24  
<211> 23  
<212> PRT  
<213> Homo sapiens  
<400> 24  
Tyr Ala Cys His Leu Cys Gly Lys Ala Phe Thr Gln Ser Ser His Leu  
1 5 10 15

Arg Arg His Glu Lys Thr His  
20

<210> 25  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 25  
Tyr Lys Cys Gly Gln Cys Gly Lys Phe Tyr Ser Gln Val Ser His Leu  
1 5 10 15

Thr Arg His Gln Lys Ile His  
20

<210> 26  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 26  
Tyr Ala Cys His Leu Cys Gly Lys Ala Phe Thr Gln Cys Ser His Leu  
1 5 10 15

Arg Arg His Glu Lys Thr His  
20

<210> 27  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 27  
Tyr Ala Cys His Leu Cys Ala Lys Ala Phe Ile Gln Cys Ser His Leu  
1 5 10 15

Arg Arg His Glu Lys Thr His  
20

<210> 28  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 28  
Tyr Val Cys Arg Glu Cys Gly Arg Gly Phe Arg Gln His Ser His Leu  
1 5 10 15

Val Arg His Lys Arg Thr His  
20

<210> 29  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 29  
Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Arg Gln Ser Ser His Leu  
1 5 10 15

Thr Thr His Lys Ile Ile His  
20

<210> 30  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 30  
Tyr Glu Cys Asp His Cys Gly Lys Ser Phe Ser Gln Ser Ser His Leu  
1 5 10 15

Asn Val His Lys Arg Thr His  
20

<210> 31  
<211> 23  
<212> PRT  
<213> Homo sapiens  
<400> 31  
Tyr Met Cys Ser Glu Cys Gly Arg Gly Phe Ser Gln Lys Ser Asn Leu  
1 5 10 15

Ile Ile His Gln Arg Thr His  
20

<210> 32  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 32  
Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Thr Gln Ser Ser Asn Leu  
1 5 10 15

Thr Lys His Lys Lys Ile His  
20

<210> 33  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 33  
Phe Glu Cys Lys Asp Cys Gly Lys Ala Phe Ile Gln Lys Ser Asn Leu  
1 5 10 15

Ile Arg His Gln Arg Thr His  
20

<210> 34  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 34  
Tyr Val Cys Arg Glu Cys Arg Arg Gly Phe Ser Gln Lys Ser Asn Leu  
1 5 10 15

Ile Arg His Gln Arg Thr His  
20

<210> 35  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 35  
Tyr Glu Cys Glu Lys Cys Gly Lys Ala Phe Asn Gln Ser Ser Asn Leu  
1 5 10 15

Thr Arg His Lys Lys Ser His  
20

<210> 36  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 36  
Tyr Glu Cys Asn Thr Cys Arg Lys Thr Phe Ser Gln Lys Ser Asn Leu  
1 5 10 15

Ile Val His Gln Arg Thr His  
20

<210> 37  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 37  
Tyr Val Cys Ser Lys Cys Gly Lys Ala Phe Thr Gln Ser Ser Asn Leu  
1 5 10 15

Thr Val His Gln Lys Ile His  
20

<210> 38  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 38  
Tyr Lys Cys Asp Glu Cys Gly Lys Asn Phe Thr Gln Ser Ser Asn Leu  
1 5 10 15

Ile Val His Lys Arg Ile His  
20

<210> 39  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 39  
Tyr Glu Cys Asp Val Cys Gly Lys Thr Phe Thr Gln Lys Ser Asn Leu  
1 5 10 15

Gly Val His Gln Arg Thr His  
20

<210> 40  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 40  
Tyr Glu Cys Val Gln Cys Gly Lys Gly Phe Thr Gln Ser Ser Asn Leu  
1 5 10 15

Ile Thr His Gln Arg Val His  
20

<210> 41  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 41  
Tyr Lys Cys Pro Asp Cys Gly Lys Ser Phe Ser Gln Ser Ser Ser Leu  
1 5 10 15

Ile Arg His Gln Arg Thr His  
20

<210> 42  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 42  
Tyr Glu Cys Gln Asp Cys Gly Arg Ala Phe Asn Gln Asn Ser Ser Leu  
1 5 10 15

Gly Arg His Lys Arg Thr His  
20

<210> 43  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 43  
Tyr Glu Cys Asn Glu Cys Gly Lys Phe Phe Ser Gln Ser Ser Ser Leu  
1 5 10 15

Ile Arg His Arg Arg Ser His  
20

<210> 44  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 44  
Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Asn Gln Ser Ser Thr Leu  
1 5 10 15

Thr Arg His Lys Ile Val His  
20

<210> 45  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 45  
Tyr Glu Cys Asn Glu Cys Gly Lys Ala Phe Ala Gln Asn Ser Thr Leu  
1 5 10 15

Arg Val His Gln Arg Ile His  
20

<210> 46  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 46  
Tyr Glu Cys His Asp Cys Gly Lys Ser Phe Arg Gln Ser Thr His Leu  
1 5 10 15

Thr Gln His Arg Arg Ile His  
20

<210> 47  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 47  
Tyr Glu Cys His Asp Cys Gly Lys Ser Phe Arg Gln Ser Thr His Leu  
1 5 10 15

Thr Arg His Arg Arg Ile His  
20

<210> 48  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 48  
His Lys Cys Leu Glu Cys Gly Lys Cys Phe Ser Gln Asn Thr His Leu  
1 5 10 15

Thr Arg His Gln Arg Thr His  
20

<210> 49  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 49  
Tyr Val Cys Asp Val Glu Gly Cys Thr Trp Lys Phe Ala Arg Ser Asp  
1 5 10 15

Glu Leu Asn Arg His Lys Lys Arg His  
20 25

<210> 50  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 50  
Tyr His Cys Asp Trp Asp Gly Cys Gly Trp Lys Phe Ala Arg Ser Asp  
1 5 10 15

Glu Leu Thr Arg His Tyr Arg Lys His  
20 25

<210> 51  
<211> 25  
<212> PRT  
<213> Homo sapiens  
<400> 51  
Tyr Arg Cys Ser Trp Glu Gly Cys Glu Trp Arg Phe Ala Arg Ser Asp  
1 5 10 15

Glu Leu Thr Arg His Phe Arg Lys His  
20 25

<210> 52  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 52  
Phe Ser Cys Ser Trp Lys Gly Cys Glu Arg Arg Phe Ala Arg Ser Asp  
1 5 10 15

Glu Leu Ser Arg His Arg Arg Thr His  
20 25

<210> 53  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 53  
Phe Ala Cys Ser Trp Gln Asp Cys Asn Lys Lys Phe Ala Arg Ser Asp  
1 5 10 15

Glu Leu Ala Arg His Tyr Arg Thr His  
20 25

<210> 54  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 54  
Tyr His Cys Asn Trp Asp Gly Cys Gly Trp Lys Phe Ala Arg Ser Asp  
1 5 10 15

Glu Leu Thr Arg His Tyr Arg Lys His  
20 25

<210> 55  
<211> 24  
<212> PRT  
<213> Homo sapiens

<400> 55  
Phe Leu Cys Gln Tyr Cys Ala Gln Arg Phe Gly Arg Lys Asp His Leu  
1 5 10 15

Thr Arg His Met Lys Lys Ser His  
20

<210> 56  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 56  
Phe Gln Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu  
1 5 10 15

Lys Thr His Thr Arg Thr His  
20

<210> 57  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 57  
Phe Ala Cys Glu Val Cys Gly Val Arg Phe Thr Arg Asn Asp Lys Leu  
1 5 10 15

Lys Ile His Met Arg Lys His  
20

<210> 58  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 58  
Tyr Val Cys Asp Val Glu Gly Cys Thr Trp Lys Phe Ala Arg Ser Asp  
1 5 10 15

Lys Leu Asn Arg His Lys Lys Arg His  
20 25

<210> 59  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 59  
Tyr Lys Cys Met Glu Cys Gly Lys Ala Phe Asn Arg Arg Ser His Leu  
1 5 10 15

Thr Arg His Gln Arg Ile His  
20

<210> 60  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 60  
Tyr Ile Cys Arg Lys Cys Gly Arg Gly Phe Ser Arg Lys Ser Asn Leu  
1 5 10 15

Ile Arg His Gln Arg Thr His  
20

<210> 61  
<211> 23  
<212> PRT  
<213> Homo sapiens  
<400> 61  
Tyr Leu Cys Ser Glu Cys Asp Lys Cys Phe Ser Arg Ser Thr Asn Leu  
1 5 10 15

Ile Arg His Arg Arg Thr His  
20

<210> 62  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 62  
Tyr Glu Cys Lys Glu Cys Gly Lys Ala Phe Ser Ser Gly Ser Asn Phe  
1 5 10 15

Thr Arg His Gln Arg Ile His  
20

<210> 63  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 63  
Tyr Glu Cys Asp His Cys Gly Lys Ala Phe Ser Val Ser Ser Asn Leu  
1 5 10 15

Asn Val His Arg Arg Ile His  
20

<210> 64  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 64  
Tyr Thr Cys Lys Gln Cys Gly Lys Ala Phe Ser Val Ser Ser Ser Leu  
1 5 10 15

Arg Arg His Glu Thr Thr His  
20

<210> 65  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 65  
Tyr Glu Cys Asn Tyr Cys Gly Lys Thr Phe Ser Val Ser Ser Thr Leu  
1 5 10 15

Ile Arg His Gln Arg Ile His  
20

<210> 66  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 66  
Tyr Arg Cys Glu Glu Cys Gly Lys Ala Phe Arg Trp Pro Ser Asn Leu  
1 5 10 15

Thr Arg His Lys Arg Ile His  
20

<210> 67  
<211> 83  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 67  
Tyr Lys Cys Gly Gln Cys Gly Lys Phe Tyr Ser Gln Val Ser His Leu  
1 5 10 15

Thr Arg His Gln Lys Ile His Thr Gly Glu Lys Pro Phe Gln Cys Lys  
20 25 30

Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr His Thr  
35 40 45

Arg Thr His Thr Gly Glu Lys Pro Tyr Ile Cys Arg Lys Cys Gly Arg  
50 55 60

Gly Phe Ser Arg Lys Ser Asn Leu Ile Arg His Gln Arg Thr His Thr  
65 70 75 80

Gly Glu Lys

<210> 68  
<211> 83  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 68  
Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Arg Gln Ser Ser His Leu  
1 5 10 15  
  
Thr Thr His Lys Ile Ile His Thr Gly Glu Lys Pro Tyr Lys Cys Met  
20 25 30  
  
Glu Cys Gly Lys Ala Phe Asn Arg Arg Ser His Leu Thr Arg His Gln  
35 40 45  
  
Arg Ile His Thr Gly Glu Lys Pro Phe Gln Cys Lys Thr Cys Gln Arg  
50 55 60  
  
Lys Phe Ser Arg Ser Asp His Leu Lys Thr His Thr Arg Thr His Thr  
65 70 75 80  
  
Gly Glu Lys

<210> 69  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide  
  
<400> 69  
Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg  
1 5 10  
  
<210> 70  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide  
  
<400> 70  
Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg  
1 5 10  
  
<210> 71  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide  
  
<400> 71  
Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Ala  
1 5 10

<210> 72

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 72

Tyr Ala Arg Ala Ala Ala Arg Gln Ala Arg Ala  
1 5 10